

Direct Intercalation of Cisplatin into Zirconium Phosphate Nanoplatelets for Potential Cancer Nanotherapy

Agustín Díaz,^{a,b} Millie L. González,^c Riviam J. Pérez,^a Amanda David,^{a,b} Atashi Mukherjee,^b
Adriana Báez,^c Abraham Clearfield^b and Jorge L. Colón^{*a}

a) Department of Chemistry, University of Puerto Rico, PO Box 23346, Río Piedras, PR
00931-3346, USA.

b) Department of Chemistry, Texas A&M University, PO Box 30012, College Station, TX
77842-3012, USA.

c) Departments of Pharmacology and Otolaryngology, School of Medicine, University of
Puerto Rico, PO Box 365067, San Juan, PR 00936-5067, USA.

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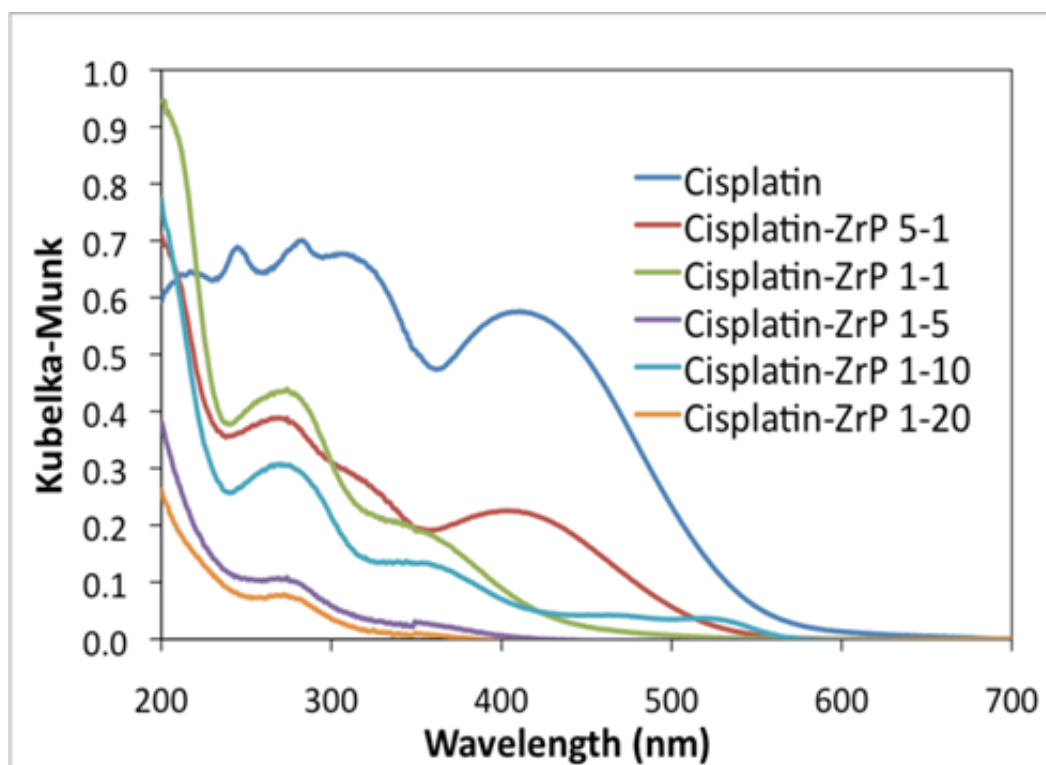


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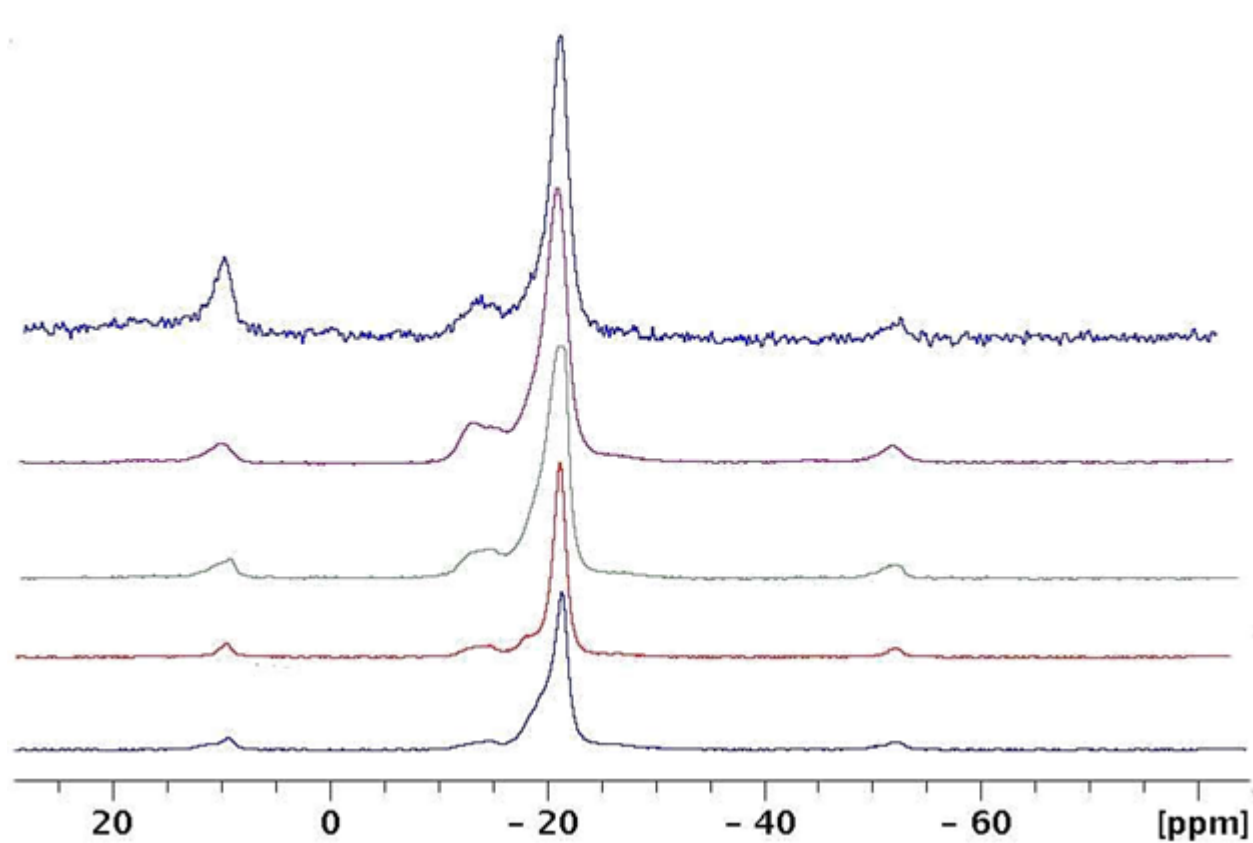


Fig. S2: ^{31}P MAS-NMR spectra of cisplatin intercalated ZrP at 5:1, 1:1, 1:5, 1:10, and 1:20 cisplatin:ZrP molar ratios.

Table S1: Percentage of viable and early apoptotic MCF-7 cells analyzed by flow cytometry with annexin V-FITC/PI double staining after 48-h exposure to ZrP and cisplatin@ZrP(1:1)

Parameter	Percentage	
	Viable cells Annexin V (-) / PI (-)	Early apoptotic cells Annexin V (+) / PI (-)
Control	51.2	11.7
ZrP	44.4	17.2
cisplatin@ZrP (1:1 molar ratio)	32.6	30.5

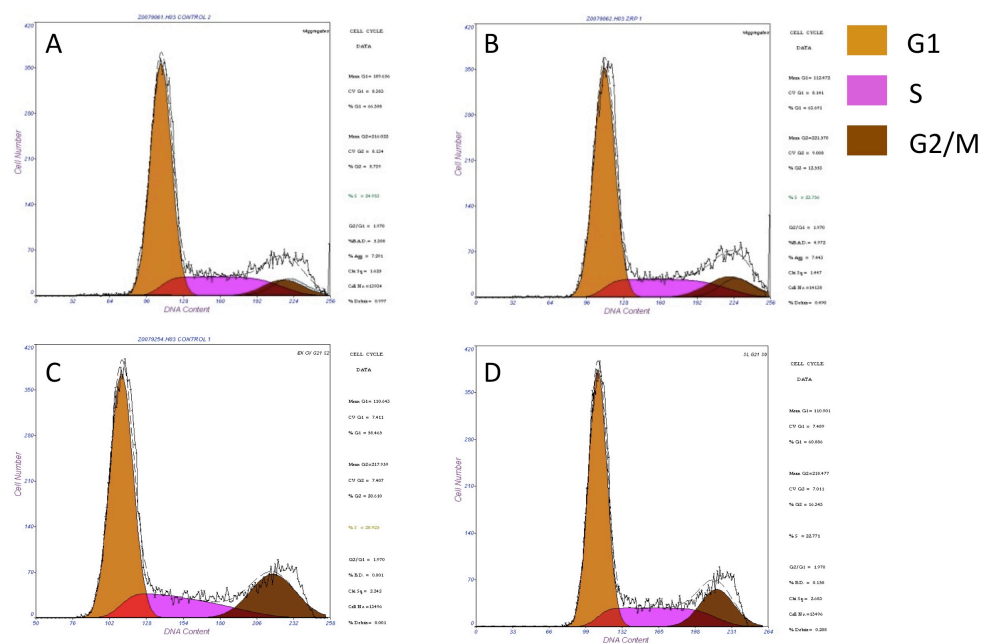


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